|     | Index of Claims |               |          |          |          |          |          |          |          |           |               |            |          | Ąţ              | Application/Control No. |                |           |              |               |          |         |       |           |            | Applicant(s)/Patent under Reexamination |           |           |              |          |             |           |           |  |  |  |
|-----|-----------------|---------------|----------|----------|----------|----------|----------|----------|----------|-----------|---------------|------------|----------|-----------------|-------------------------|----------------|-----------|--------------|---------------|----------|---------|-------|-----------|------------|---|-----------|-----------|--------------|----------|-------------|-----------|-----------|--|--|--|
|     |                 |               |          |          |          |          |          |          |          |           |               |            |          |                 | 10/810,388              |                |           |              |               |          |         |       |           |            | SHAW ET AL.                             |           |           |              |          |             |           |           |  |  |  |
|     |                 | Ш             |          |          |          |          |          | Ш        |          |           |               |            |          |                 |                         | Ex             | Examiner  |              |               |          |         |       |           |            |   |           | Art Unit  |              |          |             |           |           |  |  |  |
|     |                 |               |          |          |          |          |          |          |          |           |               |            |          |                 |                         | Stephen Gucker |           |              |               |          |         |       |           |            | 1649                                    |           |           |              |          |             |           |           |  |  |  |
|     |                 |               | R        | Rejected |          |          |          |          | _ (1     |           | Through numer |            |          | al)             |                         |                | N Non-Ele |              |               | lec      | ted     |       | A         | Appeal     |   |           |           |              |          |             |           |           |  |  |  |
|     | =               |               |          | A        | Allowed  |          |          | -        |          | ÷         |               | Restricted |          |                 |                         |                |           | 1            | In            | terf     | eren    | 100   |           | 0          | (                                       | Obje      | ecto      | ed           |          |             |           |           |  |  |  |
| í   | Cla             | aim           | 4        | 6        |          |          | Date     |          |          |           |               | Claim      |          |                 |                         | _              | ate       | e            |               |          |         | Clair |           |            | Da                                      |           | Dat       | ate          |          |             | $\neg$    |           |  |  |  |
|     |                 |               | 5        |          |          |          |          |          |          | П         |               |            |          |                 | ПП                      |                |           | T            | <del></del> _ |          |         |       | П         | Date       |   |           | П         | ┪            |          |             |           |           |  |  |  |
|     | Final           | Original      | 1/5/08   | -        |          |          | •        |          |          |           |               | Final      | Original |                 |                         |                |           |              | İ             |          |         |       | Final     | Original   |   |           |           |              |          |             |           |           |  |  |  |
|     |                 | 1             | V        |          |          |          | -        |          |          |           |               |            | 51       |                 |                         |                | 寸         | •            |               |          | +       | ┪.    |           | 101        |   | $\exists$ | $\dagger$ | $\perp$      |          |             | $\exists$ |           |  |  |  |
| -   |                 | 2             | 1        | L        |          |          |          |          |          | $\vdash$  |               |            | 52<br>53 | 1               | _                       | 4              | -         | 4            | 4             | 4        | +       | 4     |           | 102<br>103 | $\sqcup$                                | 4         | $\perp$   | F            | _        | Н           | -         | 4         |  |  |  |
| ì   |                 | 4             | ╫        |          | $\vdash$ | Н        | -        | <u> </u> | Н        | $\forall$ | $\dashv$      | -          | 54       | H               |                         | +              | +         | ᆉ            | +             | $\dashv$ | +       | 1     | $\vdash$  | 103        | Н                                       | +         | +         | +            | $\vdash$ | Н           | $\dashv$  | ┥         |  |  |  |
|     |                 | 5             |          |          |          |          |          |          |          |           |               |            | 55       |                 |                         | $\Box$         | $\Box$    | $\Box$       |               |          | $\perp$ |       |           | 105        |   |           |           |              |          |             |           | $\Box$    |  |  |  |
| . } |                 | <u>6</u><br>7 | V        | -        | _        | H        | L        | L        | Н        | Н         | 4             | <u> </u>   | 56<br>57 | 1_              |                         | 4              | 4         | $\dashv$     | $\dashv$      | $\dashv$ |         | -     | <u> </u>  | 106<br>107 | $\vdash$                                | +         | +         | +            | H        | ${oxed{H}}$ | $\dashv$  | 4         |  |  |  |
| ł   |                 | 8             | X        |          |          | H        |          | H        | H        | H         | -             |            | 58       | H               |                         | $\dashv$       | $\dashv$  | $\dashv$     | $\dashv$      | $\dashv$ | +       | 1     |           | 108        | H                                       | $\dashv$  | +         | +            | $\vdash$ | Н           | +         | ┪         |  |  |  |
|     |                 | 9             | W.       |          |          |          |          |          |          |           | $\Box$        |            | 59       |                 |                         |                |           |              | $\Box$        |          |         | ]     |           | 109        |   |           |           |              |          |             | $\Box$    |           |  |  |  |
|     |                 | 10<br>11      | W        | L        | $\vdash$ | Н        | Н        |          | Н        | $\dashv$  | 4             | <u> </u>   | 60<br>61 | $\vdash$        | _                       | $\dashv$       | 4         | $\dashv$     | $\dashv$      | $\dashv$ |         | -     |           | 110<br>111 | Н                                       | $\dashv$  | +         | +            |          | H           | $\dashv$  | -         |  |  |  |
| }   |                 | 12            |          |          |          |          |          |          | Н        | $\dashv$  | ┪             | $\vdash$   | 62       | Н               | -                       | 十              | +         | +            | $\dashv$      | +        | -       | ┪╽    |           | 112        | $\vdash$                                | +         | ╅╴        | ╁╴           | Н        | H           | $\dashv$  | $\dashv$  |  |  |  |
| Ì   |                 | 13            |          |          |          |          |          |          |          |           |               |            | 63       |                 |                         |                |           |              |               | I        |         | ]     |           | 113        |   |           |           |              |          |             | $\Box$    | ╛         |  |  |  |
|     |                 | 14            |          |          | _        | _        |          |          |          | $\sqcup$  | 4             | <u> </u>   | 64       | Ш               | $\Box$                  | _              | 4         | 4            | 4             | 4        | $\perp$ | 4     |           | 114        | Ш                                       | _         | 1         | 1            |          | Н           | _         | _         |  |  |  |
| }   |                 | 15<br>16      |          | _        | -        |          |          |          |          | -         | _             | -          | 65<br>66 | $\vdash$        |                         | -+             | +         | -            | +             |          | +       |       |           | 115<br>116 | $\vdash$                                | -         | +-        | +            | $\vdash$ | Н           | $\dashv$  | $\dashv$  |  |  |  |
| Ì   |                 | 17            |          |          |          |          |          |          |          |           |               |            | 67       | П               |                         | 士              | 1         | $\exists$    | ┪             | 士        | $\top$  | ]     |           | 117        |   | $\top$    | $\top$    |              |          |             | 1         | ╛         |  |  |  |
| [   |                 | 18            |          |          |          |          | П        |          |          | Ц         |               |            | 68       | Ш               |                         | $\perp$        | $\Box$    | 4            | 4             | 4        | 1       | ]     |           | 118        | Ш                                       | $\perp$   | $\perp$   | _            |          | Ц           | $\Box$    | $\exists$ |  |  |  |
| -   |                 | 19<br>20      | ⊢        |          | H        | Н        | Н        |          | $\vdash$ | $\vdash$  | 4             | <u> </u>   | 69<br>70 | H               | _                       | -              | +         | +            | +             | -        | +       | -     |           | 119<br>120 | $\vdash$                                |           | +         | <del> </del> |          | $\vdash$    | $\dashv$  | $\dashv$  |  |  |  |
|     |                 | 21            | $\vdash$ |          | -        |          |          | -        | Н        |           | -             |            | 71       | Н               |                         |                | +         | 十            | +             |          | +       | 1     | H         | 121        | Н                                       | +         | +         | T            |          |             | $\dashv$  | $\dashv$  |  |  |  |
| ļ   |                 | 22            |          |          |          |          |          |          |          | $\Box$    | $\exists$     |            | 72       | П               |                         | $\Box$         | 丁         | $\Box$       | $\Box$        | $\Box$   |         | ]     |           | 122        | П                                       |           | $\top$    |              |          |             | $\Box$    | $\Box$    |  |  |  |
| }   |                 | 23<br>24      | -        |          |          |          |          |          | Н        | $\dashv$  | 4             | -          | 73<br>74 | Н               | 4                       | $\dashv$       | +         | +            | +             | -        | +       | -     |           | 123<br>124 | $\vdash$                                | +         | -         | +-           | $\vdash$ | $\vdash$    | -         | $\dashv$  |  |  |  |
| ŀ   |                 | 25            | $\vdash$ | _        | Н        | $\neg$   | H        |          | Н        | $\dashv$  | 1             | -          | 75       | Н               | -                       | 十              | +         | +            | +             | +        | ╅       | 1 1   |           | 125        |   | +         | +         | +-           | H        | $\vdash$    | 十         | ┪         |  |  |  |
| [   |                 | 26            |          |          |          |          |          |          |          |           |               |            | 76       |                 |                         |                |           |              |               |          |         | ]     |           | 126        |   |           |           |              |          |             |           | コ         |  |  |  |
|     |                 | 27<br>28      |          |          |          |          | Н        | _        | Н        | $\vdash$  | 4             | $\vdash$   | 77<br>78 | Н               | -                       | -              | 4         | $\dashv$     | 4             | -        | -       | -     |           | 127<br>128 | $\vdash$                                |           | +         | $\vdash$     | ļ        | Н           | $\dashv$  | -         |  |  |  |
| ŀ   |                 | 29            | Н        | _        | -        |          | Н        | Н        | Н        | $\vdash$  | ┥             | -          | 79       | Н               | $\dashv$                | +              | +         | $\dashv$     | +             | $\dashv$ | +       | ┨┃    |           | 129        | $\vdash$                                | +         | +         | ╁╴           |          | $\vdash$    | -+        | $\dashv$  |  |  |  |
|     |                 | 30            |          |          |          |          |          |          |          |           | I.            |            | 80       |                 |                         | 工              |           |              |               | 土        | 土       | ]     |           | 130        |   |           | 工         |              |          |             | 士         |           |  |  |  |
|     |                 | 31            | <u> </u> |          |          |          |          |          |          | $\dashv$  | 4             |            | 81       |                 | _                       | 4              | 4         | 4            |               | 4        |         | 4     |           | 131        | $\sqcup$                                | _         | +         | ╄            |          | Ш           | $\dashv$  | _         |  |  |  |
| ł   |                 | 32<br>33      | ├        | _        | Н        | $\dashv$ | $\dashv$ | _        |          | $\dashv$  | $\dashv$      |            | 82<br>83 | Н               | $\dashv$                | +              | +         | +            | +             | +        | +       | ┨     |           | 132<br>133 | $\vdash$                                | +         | +         | +            |          | $\vdash$    | $\dashv$  | $\dashv$  |  |  |  |
| t   |                 | 34            |          |          |          |          |          |          |          |           |               |            | 84       | Н               | $\dashv$                | 十              | $\top$    |              |               | $\top$   | +       | 1     |           | 134        |   |           | 土         | 仜            |          |             | 寸         | ╛         |  |  |  |
| [   |                 | 35            |          |          |          |          |          |          |          | $\Box$    | 4             |            | 85       |                 | $\Box$                  | $\Box$         | $\prod$   | $\Box$       | $\Box$        | $\Box$   | $\perp$ | ]     |           | 135        |   | $\bot$    | 1         | _            |          |             | $\Box$    |           |  |  |  |
| -   | -               | 36<br>37      | $\vdash$ |          | Н        | $\dashv$ | $\dashv$ | _        | $\vdash$ | $\dashv$  | ᅱ             |            | 86<br>87 | $\vdash$        | 4                       | $\dashv$       | +         | +            | +             | $\dashv$ | +-      | -     |           | 136<br>137 | -                                       |           | +-        | ╀            | Н        | Н           | $\dashv$  | $\dashv$  |  |  |  |
| ŀ   | $\neg$          | 38            | Н        |          | Н        | $\dashv$ | H        | Н        | $\vdash$ | $\dashv$  | ┪             |            | 88       | H               | $\dashv$                | $\dashv$       | $\dashv$  | $\dashv$     | $\dashv$      | $\dashv$ | +       | 1 }   |           | 138        |   | +         | +         | ╁            | Н        | Н           | $\dashv$  | $\dashv$  |  |  |  |
| Ţ   |                 | 39            | П        |          |          |          |          |          |          |           | $\exists$     |            | 89       |                 | $\sqsupset$             | $\dashv$       | コ         | ightharpoons | $\Box$        | $\perp$  | $\bot$  | ] [   |           | 139        |   |           |           |              | П        |             | $\Box$    |           |  |  |  |
| -   |                 | 40<br>41      | -        |          | Н        | $\sqcup$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$      | <u> </u>   | 90       |                 | -                       | +              | $\dashv$  | $\dashv$     | 4             | +        | - -     | 4     |           | 140<br>141 | $\vdash \vdash$                         | +         | +         | +            | $\vdash$ | dash        | $\dashv$  | $\dashv$  |  |  |  |
| . } |                 | 41            | Н        |          | Н        | $\dashv$ | $\dashv$ | Н        | $\dashv$ | $\dashv$  | $\dashv$      | $\vdash$   | 92       | ┝┤              | $\dashv$                | $\dashv$       | +         | +            | $\dashv$      | +        | +       |       |           | 142        | $\vdash$                                | +         | +         | ╁            | Н        | $\forall$   | $\dashv$  | $\dashv$  |  |  |  |
| į   |                 | 43            |          |          |          |          |          |          | 口        |           |               |            | 93       |                 | ゴ                       |                | 寸         | $\exists$    |               | 丁        |         | 1     |           | 143        |   | $\perp$   | 工         |              |          |             |           |           |  |  |  |
| ļ   |                 | 44            | $\vdash$ | Н        | Н        | Ц        | _        | Ш        | Н        | $\perp$   | 4             |            | 94       | Ц               | $\dashv$                | $\perp$        | 1         | $\perp$      | 1             | $\bot$   | 1       | 4     | $\square$ | 144        |   | -         | 4         | $\vdash$     | $\sqcup$ | Ц           | _[`       | 4         |  |  |  |
| }   |                 | 45<br>46      | Н        | $\dashv$ | Н        | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | +         | $\dashv$      | $\vdash$   | 95<br>96 | $\vdash \vdash$ | -                       | $\dashv$       | $\dashv$  | +            | $\dashv$      | +        | +       | ┥ ┃   | $\vdash$  | 145<br>146 | $\vdash$                                | +         | +         | $\vdash$     | Н        | Н           | $\dashv$  | $\dashv$  |  |  |  |
| Ì   |                 | 47            |          |          |          |          |          |          | $\Box$   |           | ╛             |            | 97       | ┌┤              | $\dashv$                | +              | $\dashv$  | $\dashv$     | $\dashv$      | $\dashv$ | +       | 1     |           | 147        | H                                       | $\top$    | T         |              | H        | $\forall$   | $\dashv$  | $\dashv$  |  |  |  |
| [   |                 | 48            | П        |          |          | $\Box$   |          |          |          | $\neg T$  | 7             |            | 98       | П               | $\Box$                  | $\Box$         | $\Box$    | 1            | $\Box$        | ]        | T       | ]     |           | 148        |   | $\bot$    | L         |              |          |             | $\Box$    |           |  |  |  |